

Serial No. 09/421,434
September 11, 2002
Page 2

piezoelectric member having the actuator and the generator provided in the piezoelectric member;

C1 connecting a load impedance to said generator;

applying a stress signal to said actuator to vibrate the piezoelectric transformer apparatus;

identifying whether the transformer apparatus has a mechanical latent defect;

and

completing the manufacture of the piezoelectric transformer apparatus after the step of identifying whether the transformer apparatus has the mechanical latent defect.

C2 14. A method of manufacturing a piezoelectric transformer apparatus including a piezoelectric member having an actuator and a generator provided in the piezoelectric member, the method comprising the steps of:

beginning manufacturing of the piezoelectric transformer apparatus including the piezoelectric member having the actuator and the generator provided in the piezoelectric member;

testing the piezoelectric transformer apparatus for mechanical latent defects; and
completing manufacturing of the piezoelectric transformer apparatus.
